MISSISSIPPI STATE DEPARTMENT OF HEALTH 1915 MAY 22 BUREAU OF PUBLIC WATER SUPPLY CCR CERTIFICATION CALENDAR YEAR 2014 Star Water Company	AM 8: 25
Public Water Supply Name List PWS ID #s for all Community Water Systems included in this CCR	

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.

email a copy of the CCR and Certification to MSDH. P	lease check all boxes that a	pply.	
Customers were informed of availability of CCF	S by: (Attach copy of pub	lication, water bill o	r other)
Advertisement in local paper On water bills (attach copy of Email message (MUST Ema	BOOTTO CONTROL		
Date(s) customers were informed: \(\frac{1}{29/1}\)	5, / / ,	/ /	
CCR was distributed by U.S. Postal Service methods used		Must specify other	r direct delivery —
Date Mailed/Distributed: / /			
CCR was distributed by Email (MUST Email M As a URL (Provide URL As an attachment As text within the body of the		ate Emailed:/	
CCR was published in local newspaper. (Attach Name of Newspaper: Rankin Co.	copy of published CCR o	or proof of publicatio	n) _
Date Published: 4 / 29 / 15			
CCR was posted in public places. (Attach list of	<i>locations)</i> D	ate Posted: 5 / 3	/15
CCR was posted on a publicly accessible interne	t site at the following add	ress (<u>DIRECT URL</u>	REQUIRED):
CERTIFICATION I hereby certify that the 2014 Consumer Confidence public water system in the form and manner identithe SDWA. I further certify that the information in the water quality monitoring data provided to the Department of Health, Bureau of Public Water Suppose Name/Title (President, Mayor, Owner, etc.)		distributed to the content distribution method and correct and is officials by the M	
Deliver or send via U.S. Postal Service: Bureau of Public Water Supply P.O. Box 1700	May be fa: (601)576-7	xed to: 7800	

May be emailed to:

water.reports@msdh.ms.gov

Jackson, MS 39215

ELLOWED - WATER SUPPL

2014 Annual Drinking Water Quality Report Star Water Company, Inc. PWS#: 0610027 April 2015

2015 MAY -1 PM 2: 1!

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Cockfield Formation and the Forest Hill Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Star Water Company, Inc. have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Dora Jean Whatley at 601-845-1435. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday of each month at 7:00 PM at the water office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2014. In cases where monitoring wasn't required in 2014, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

10. Barium	N	2013*	.008	.007008	ppm		2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2013*	3.9	2.2 – 3.9	ppb		100	1	OD Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2012/14	.4	0	ppm		1.3	AL=1	 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2013*	.256	.253256	ppm		4		4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2012/14	2	0	ppb		0	AL=	15 Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio	n By-]	Products	38	No Range	ppb	0	<u> </u>	60	By-Product of drinking water
82. TTHM	N	2013*	66.7	No Dance		0	ļ		disinfection.
[Total trihalomethanes]	IV	2013"	00.7	No Range	ppb	U		80	By-product of drinking water chlorination.
Chlorine	N	2014	.8	.79	mg/l	0	MDF	RL = 4	Water additive used to control

^{*} Most recent sample. No sample required for 2014.

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Star Water Company, Inc. works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

AFFIDAVIT 22 AM 8: 25

PROOF OF PUBLICATION

RANKIN COUNTY NEWS • P.O. BOX 107 • BRANDON, MS 39043

STATE OF MISSISSIPPI **COUNTY OF RANKIN**

THIS 29TH DAY OF APRIL, 2015, personally came Marcus Bowers, publisher of the Rankin County News,

rinking Water Quality Report Water Company, Inc. PWS# 0610027 f, Joseph Hane ter, Peyton Wilson, Man

is designed to inform you about the quality water afe and dependable supply of drinking water. We ant process and protect our water resources. We s drawing from the Cockfield Formation and the

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intact Dora Jean Whatley at 601-845-1435, We earn more, please attend any of our regularly at the water office.

sors to the units in the Public Works Department and the seul Senior Center and adding motion sensors to the exhaust noque fans in the restrooms would yons cost \$12,000. This would save wos about \$3,400 annual. Add-1190 ing new programming to the leur existing controls carries an \$11,500 price tag, with a \$3,600 in annuals savings.

"City Hall currently has a 199,000 BTU gas water heater 36 that runs 24/7," Bourgeois ip said. "We could replace with it a 50-gallon electric hot water s heater that makes hot water Only when needed for \$6,500. This would be much more efficient."

Lee said these measures were something that would have to be worked into the anmual budget.

"Emergency lights, CO2 controls, and the hot water Ineater are no-brainer items," Lee said. "We are going to Look at the audit and plan our approach in addressing these items."

Monica Corley, Ward 1, سمد عد سسال س

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TUG MGGK

Monday - Saturday Hours: 10:00am - 7:00pm

afferies - Watch Repair

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a weekly newspaper printed and published in the City of Brandon, In the County of Rankin and State aforesaid, before me the undersigned officer in and for said County and State, who being duly sworn, deposes and says that said newspaper has been published for more than 12 months prior to the first publication of the attached notice and is qualified under Chapter 13-3-31, Laws of Mississippi, 1936, and laws supplementary and amendatory thereto, and that a certain

2014 ANNUAL DRINKING WATER QUALITY REPORT

STAR WATER COMPANY, INC.

a copy of which is hereto attached, was published in said newspaper One (1) week, as follows, to-wit:

Vol 167 No. 41 on the 29th day of April, 2015

Marcus Bowers

MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this 29th day of April, 2015

> Frances Congue, Notary Public My Commission Expires: January 25, 2018

PRINTER'S FEE: (12 cents per word for first insertion and 10 cents per word for each subsequent insertion)

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